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PN - JP4322625 A 19921112

TI - FLOOR NOZZLE OF ELECTRIC CLEANER

FI - A47L5/30&A; A47L5/30&Z

PA - MATSUSHITA ELECTRIC IND CO LTD

IN - HAYAKAWA HIROSHI

AP - JP19910090505 19910422

PR - JP19910090505 19910422

DT -I

TI

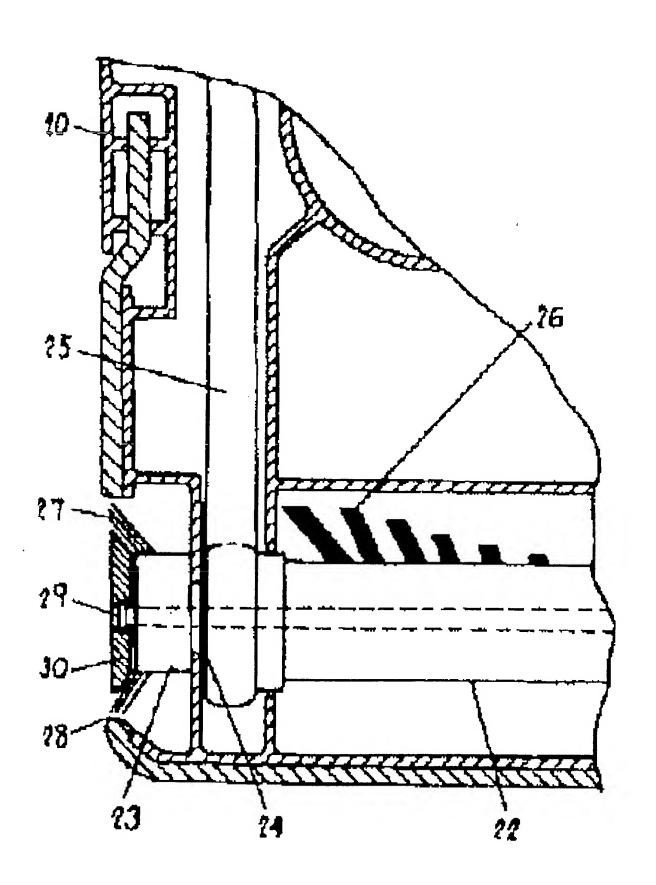
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- FLOOR NOZZLE OF ELECTRIC CLEANER

- AB PURPOSE:To supply a floor nozzle of an electric cleaner without damaging walls and furniture during cleaning to safely sweep up.
 - CONSTITUTION:An air inlet is formed at the lower front of a floor nozzle 20 and a main rotary brush 22 is exposed at the air inlet and further a rotary brush 23 of the end is prodided on the same shaft of both ends of the main rotary brush 22. The rotary brush 23 of the end of the main rotary brush 22 is contained inside the floor nozzle 20 and supported by the bearing 24 and driven by a motor through a belt 25. A brush 26 is implanted on the periphery of the main rotaty brush 22 and also an edge brush 27 is implanted on the full width of the floor nozzle 20 at the circumferential direction of the diagonal outside of the rotary brush 23 of the end. And an opening 28 is provided at both side edges of the floor nozzle 20. The opening 28 is arranged coaxially with the rotary brush 23 of the end and exposed to contact the outer periphery of the edge brush 27. And a rotary shaft 29 is provided to protrude at the both side ends of the rotary brush 23 of the end and a brush cover 30 is fitted to be freely rotatable arround this rotary shaft 29 and opposite to the edge brush 27.
- A47L5/30
- PA MATSUSHITA ELECTRIC IND CO LTD
- IN HAYAKAWA HIROSHI
- ABD 19930329
- ABV 017158
- GR C1041
- AP JP19910090505 19910422

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ラシの斜め外側の円周方向に植毛されたエッジプラシ と、このエッジブラシの外周と接触し、前記床ノズルの 両端側部に設けた開口とを備え、前記端部回転プラシの 例部両端部に突出した回転軸を設け、前記回転軸に回動 自任で前記エッジプラシに対向してプラシカバーを装着 したものであり、この構成とすることにより、掃除中に 壁や家具を傷つけることなく、また安全に掃除をするこ とができる。

【図面の簡単な説明】

【図1】本発明の一実施例における電気掃除機の床ノズ 10 30 ブラシカバー ルの要部断面図

【図2】同電気掃除機の縦断面図

【凶3】 同電気掃除機の外観斜視凶

【図4】従来の電気掃除機の床ノズルの裏面断面図

【符号の説明】

20 床ノズル

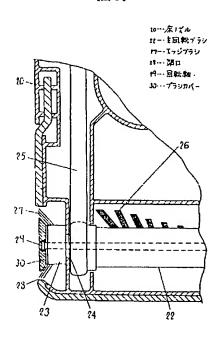
22 主回転プラシ

27 エッジプラシ

28 開口

29 回転軸

【図1】



[図2]

